SONY

3-757-175-22 (1)

Compact Disc Compact Player

COMPACT disc DIGITAL AUDIO

D-421SP

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Sony Corporation © 1993 Printed in Japan

Discman

Owner's Record

The model number and the serial number are located in the battery compartment. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. D-421SP Serial No._____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION
The use of optical instruments with this product will increase eye hazard.

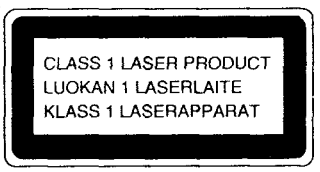
INFORMATION (For the Customers in U.S.A.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

For the Customers in the United Kingdom



This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the bottom exterior.

For the Customers in Canada

THIS APPARATUS COMPLIES WITH THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS SET OUT IN RADIO INTERFERENCE REGULATIONS.

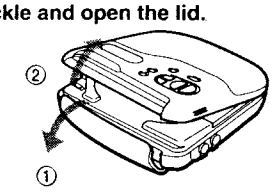
Power Sources

Using with Rechargeable Battery

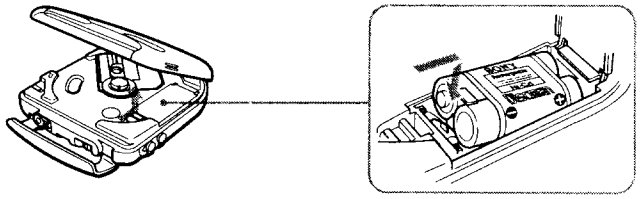
When using the rechargeable battery (supplied) for the first time, make sure to charge it.

Attaching the rechargeable battery

1 Unfasten the buckle and open the lid.



2 Open the lid of the battery compartment and insert the rechargeable battery in it as illustrated on the battery compartment lid.

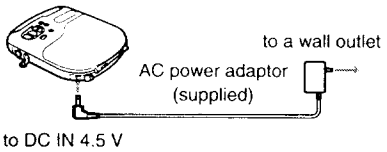


- If the rechargeable battery is inserted incorrectly, the unit may be damaged.
- Close the lid of the battery compartment and the lid of the unit firmly. When they are not firmly closed, the disc may not turn or may be damaged.

Charging the rechargeable battery

Insert the rechargeable battery and connect the supplied AC power adaptor when the unit is in the stop mode. Now charging starts.

The "CHG" indication appears in the display and the segments of the ▮▯▯▯▮ indication light up one by one. They disappear when charging is completed. Disconnect the AC power adaptor.



Rechargeable battery life

Charging time	CD playing	
	ESP: not active	ESP: active
2 hours maximun*	approx. 2.5 hours	approx. 2 hours

(When the unit is used on a flat and stable place.)

* Charging time varies depending on how the rechargeable battery is used.

When to replace the rechargeable battery

If the operating time reduces about by half even if you charge it fully, replace it with a new BP-DM10 (not supplied). **You cannot use BP-DM1 battery pack (not supplied).**

Notes on the rechargeable battery (Ni-Cd battery)

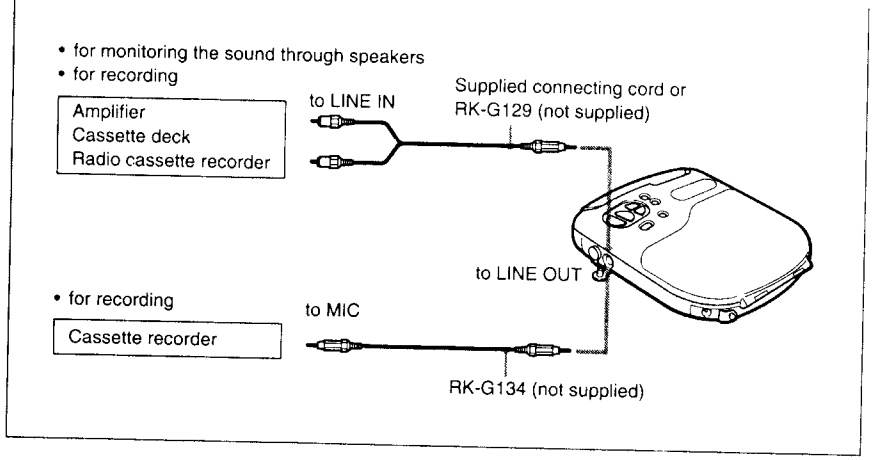
- Be sure to use the supplied AC power adaptor.
- Remember to recharge the battery pack after every use. Leaving the rechargeable battery discharged may shorten its life.
- When charging for the first time or after a long time, playing time may reduce. In this case, charge and discharge it several times.
- Store the battery in a temperature between 5° C (41° F) and 35° C (95° F) to make it work at its best.
- Never throw the battery into fire.
- If any metal object touches the metal portion of the battery pack, excessive heat may be generated and it is dangerous. When carrying the battery pack, do not put it in a pocket together with a metal object such as a key holder.
- Do not disassemble the battery. If the electrolyte inside the battery should come into contact with cloth or skin, wash the contaminated objects with water immediately.

The unit may become warm

The bottom of the unit may be warm during operation, which is normal. If it is unusually warm, disconnect the AC power adaptor and consult your Sony dealer.

Various Ways of Using

Connecting with Other Equipment



Notes on connection

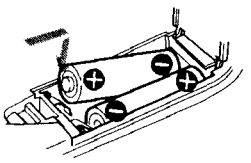
- Turn off each equipment before making connections.
- Plug in the white plug to the L (left channel) jack, and the red plug to the R (right channel) jack.
- Do not connect the output from LINE OUT with the PHONO jacks of the amplifier.
- Make sure to insert the plugs of the cable firmly into the jacks. A loose connection may cause a humming noise.
- If the unit causes interference to the radio or television reception, turn off the unit or move the unit away from the receiver.

Locking the Buttons

Set the HOLD switch to ON to avoid accidental pressing of the buttons.
When a button on the unit is pressed, the "Hold" indication appears in the display.

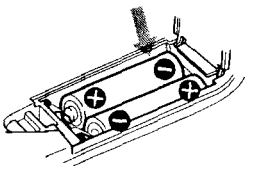
Using with Batteries

Insert two size AA (LR6) alkaline batteries in the battery compartment.



Close the lid of the battery compartment and the lid of the unit firmly. When they are not firmly closed, the disc may not turn or may be damaged.

Detaching the batteries
Push the battery as shown.



Alkaline battery life

CD playing	
ESP: not active	ESP: active
approx. 6 hours	approx. 4 hours

(When the unit is used on a flat and stable place.)

Notes on batteries

- Insert batteries with correct polarity.
- Do not use old batteries together with new ones or different types of batteries together.
- If the electrolyte inside the battery should leak, wipe the contaminated parts in the battery compartment with a cloth and replace the old batteries with new ones.
- Do not charge the batteries.
- When the unit is not to be used for a long period of time, remove the batteries.

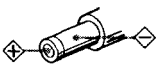
Note on the ▮▯▯▯▮ indication
When the battery becomes weak, the segments of the ▮▯▯▯▮ indication will go out one by one from the left segment. When the last segment lights up, regard it as a criterion when to charge the rechargeable battery or to replace the batteries.
When the battery is used up, the "Lo batt" indication appears in the display. Do not repeat pressing ▶II when this indication lights up, as the unit may operate incorrectly. Charge the rechargeable battery or replace the batteries.

Using on House Current

Connect the supplied AC power adaptor as illustrated in charging the rechargeable battery.
When the unit is not to be used, be sure to disconnect the AC power adaptor.

For the customers whose unit is supplied with an AC plug adaptor
Use the AC plug adaptor if the AC power adaptor does not fit the outlet.

Note on the AC power adaptor
Use only the supplied AC power adaptor (for DC 4.5V, unified polarity type). If you use any other AC power adaptors, the unit may be damaged. Do not use the AC power adaptor supplied with other "Discman" CD compact players equipped with DC IN 6V or 9V jack, nor an optional AC power adaptor for DC 6V or 9V.



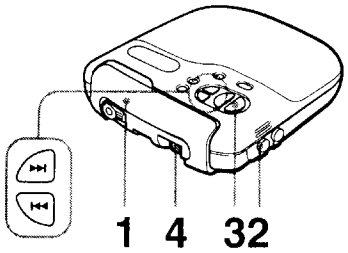
Polarity of the plug
(Unified polarity type)

To use on 12 V car battery
Use the DCC-E145L Car battery cord (not supplied).

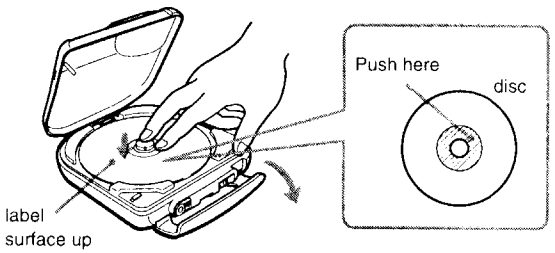
To enjoy listening through the car speakers
Use the CPA-3 or CPA-4 Car connecting pack (not supplied).

Note
This unit cannot be attached to the Car mount arm (not supplied).

Disc Playing

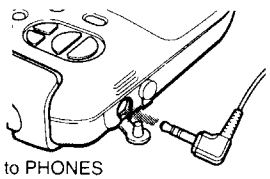


1 Open the lid and put the disc.

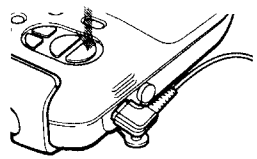


Push the disc gently until it clicks so that the disc fits into the pivot. Close the lid of the unit after setting the disc.

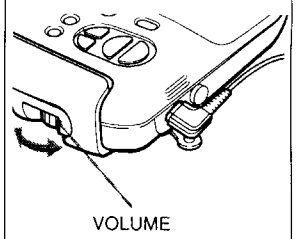
2 Connect the supplied headphones.



3 Press ▶II.



4 Adjust the volume.



Other operations

Operations	Press	The following sound is heard.
To pause	▶II	Very short beep sound is repeated until the pause is released.
To release pause	▶II	Very short beep sound is heard once.
To stop	■	Long beep sound is heard. Disc playing stops and the power is turned off automatically.
To locate the beginning of the current track/previous tracks — AMS	I◀◀ lightly/repeatedly	Very short beep sound is heard three times.
To locate the beginning of the next track/tracks — AMS	▶▶I lightly/repeatedly	Very short beep sound is heard twice.
To go back at high speed (search)	Keep I◀◀ depressed.	No sound is heard.
To go ahead at high speed (search)	Keep ▶▶I depressed.	No sound is heard.

- The unit pauses at the beginning of the located track when you press lightly I◀◀ or ▶▶I in the pause mode.
- During the program play, the AMS operates in the programed order.
- Each time you press I◀◀, the player locates the previous track. Each time you press ▶▶I, the player locates the next track and stops at the last track.

To eliminate the beep sound

Do not connect any power source. While keeping ■ pressed, connect the power source (the rechargeable battery pack, alkaline batteries, or external power source).
Now, the beep sound is eliminated and this condition remains as long as the power source is connected.

To remove the disc

Pick up the disc, holding the edge, while pressing the pivot gently as illustrated.

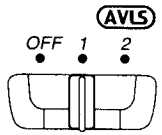
To play an 8 cm (3-inch) disc

You can play it without an adaptor.

To limit the volume at a moderate level

The AVLS (Automatic Volume Limiter System) selector allows you to limit the maximum volume of your unit.

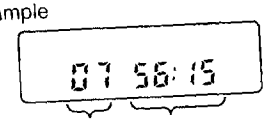
- When the AVLS selector is set to either position 1 or 2, the volume will be kept at a moderate level, even if you attempt to turn up the volume.
- When the AVLS selector is set to either position 1 or 2, the playback sound may be distorted or unstable according to the music (especially bass boosted part). If this happens, turn down the volume.
- When the AVLS selector is turned off, you will be able to enjoy the full volume capability of your unit.



On display window

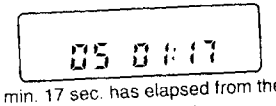
When you press ▶II (when RESUME is set to OFF)
The total number of the tracks in the disc and the total playing time appear for 2 seconds.

Example



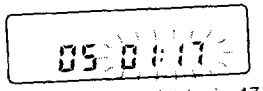
Total number of the tracks Total playing time

During play
The track number and the elapsed playing time of the current track appear.



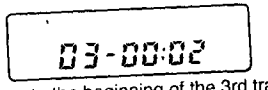
1 min. 17 sec. has elapsed from the beginning of the fifth track.

During pause
The elapsed playing time of the current point flashes.



Pause mode at the point 1 min. 17 sec. from the beginning of the fifth track

Between the tracks
The time to the beginning of the next track will appear.



2 sec. to the beginning of the 3rd track

How to Use DSP*

Select the function of DSP according to the contents of your disc or where to use the unit.

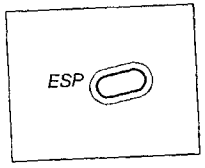
BASS ▪ BASS ▪▪: The bass sound will be boosted more powerfully.
BASS ▪▪ is more effective than BASS ▪.
If you set the volume too high, the sound may be cracked or distorted. If this happens, turn down the volume.
VOCAL: Sound of the middle frequency range is emphasized and human voice becomes more audible.
CAR: Inaudible sound will be boosted for better audibility. This is useful when listening at noisy places.

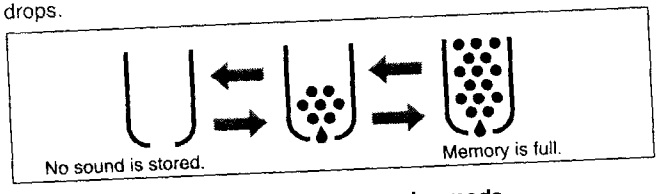
* DSP: Digital Signal Processing

Notes
- The bass boost, or CAR effect may be decreased according to the output level of the recorded sound.
- While playing back the track with fast tempo or the track with narrow dynamic range, the CAR position may not give efficient effect.
- DSP also works on the LINE OUT jack. When listening through the external speaker or when recording on the cassette recorder, adjustment of DSP is also possible.
- DSP is retained as long as the power is connected.

ESP (Electronic Shock Protection) System

This unit incorporates a special electronic circuit which prevents sound skipping caused by jarring or bumping. This system constantly stores the next 3 seconds of sound to be played. When the unit receives a physical shock which prevents the laser pick-up from "reading" the CD, this system immediately starts playing the sound stored in its memory and continues until the laser pick-up recovers.
When listening while walking or when using in a car, you had better press ESP to prevent sound skipping.
When the unit is continuously jarred, the stored sound will be played back completely, resulting in an interruption of the CD's sound. When shock ends, playback will restart from that point. While the stored sound is being played, the amount of stored sound remaining is displayed as flashing drops.





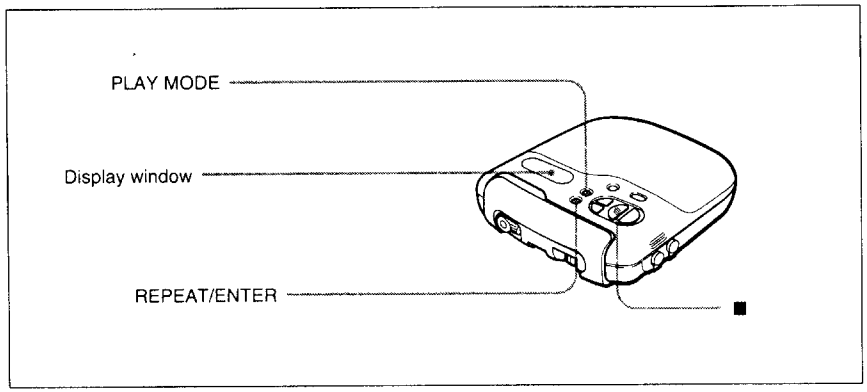
When using ESP system in INTRO PGM, Shuffle or Program play mode
You can enjoy playing with less blank space between the tracks.

When recording on a cassette
Press ESP again to release the ESP system as the blank search function of a cassette recorder might not work when it is active.

Notes
- In the ESP system, battery life becomes shorter because the disc rotates faster than normal and the memory circuit is active, and the disc rotating sound becomes louder.
- You can press ESP during play, but as disc rotating speed may change, the sound may be interrupted for a short time.
- In following cases, noise may be heard or sound skipping may occur.
  — when the disc is dirty or scratched.
  — when the disc contains certain signals.
  — when the unit is subjected to a certain kind of shock.

In these cases, try to release ESP system.

Various Playing Modes



This unit has 10 playing modes: normal play, INTRO PGM (program) play, one track play, SHUFFLE play, RMS* (program) play and 5 repeat plays of each mode.
* RMS: Random Music Sensor

To change the mode
Press PLAY MODE during play. The current mode appears in the display window.

To play repeatedly (REPEAT play)
Press REPEAT/ENTER. ↻ appears in the display window. Press the button again to cancel the repeat play.

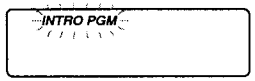
To stop the disc
Press ■.

Playing the whole Disc — Normal Play

There is no play mode indication in the display window.
To repeat the whole disc, press REPEAT/ENTER.

Playing the Desired Tracks after Listening to the Beginning of All the Tracks — INTRO PGM (program)

1 Press PLAY MODE during play until "INTRO PGM" flashes slowly in the display window.



2 Press ▶II.
"INTRO PGM" starts flashing fast and the unit starts to play the first 15 (approximately) seconds of each track from the first track.

3 During 15 seconds of play, press REPEAT/ENTER if it is your desired track.
When it is not your desired track, do not press any button during 15 seconds of play, or press ▶▶I to skip the track. Select your desired tracks in this way.
After the beginning of the last track is played, "INTRO PGM" stops flashing and the selected tracks will be played automatically in the order of the track number of the disc.

To finish programing before hearing through the disc
Press ▶II. The selected tracks are played.

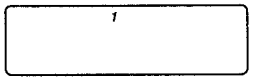
To try the programing again
Press I◀◀ to go back while programing. As the programing of the tracks returned is canceled, select the desired tracks from that point.

To repeat the programed tracks
Press REPEAT/ENTER while they are played.

To repeat the beginning of all the tracks
Press REPEAT/ENTER first and then press PLAY MODE until "INTRO PGM" flashes. Then press ▶II. If you did not enter any tracks in the program, the beginning of all the tracks will be repeated.

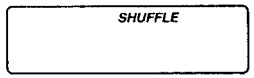
Playing Only One Track

Press PLAY MODE during play until "1" appears in the display window.
The unit plays only one track and stops at the end of the track.
To play only one track repeatedly, press REPEAT/ENTER.



Playing the Tracks in a Random Order — Shuffle Play

Press PLAY MODE during play until "SHUFFLE" appears in the display window. Play starts from the next track.

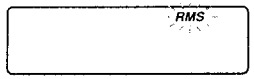


To play the tracks in a random order repeatedly
Press REPEAT/ENTER. After all the tracks have been played in a random order, they will be reshuffled and played repeatedly in a different order each time.

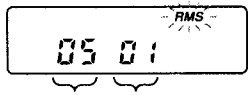
To locate the next track during shuffle play
Press ▶▶I. You can locate the beginning of the track being played by pressing I◀◀. However, you cannot locate a previous track even if you keep I◀◀ depressed.

Playing the tracks in the Desired Order — RMS (Program) Play

1 Press PLAY MODE during play until "RMS" flashes in the display window.



2 Press I◀◀ or ▶▶I to select the desired track.
You can program the tracks in the desired order regardless of their track numbers.



Desired track number — The first selection

3 Press REPEAT/ENTER*.

The 2nd (next) selection

4 Repeat steps 2 and 3 (up to 22 selections).
If another track is memorized after 22 tracks have been memorized, the first track will be cleared and the new one will be memorized in its place.

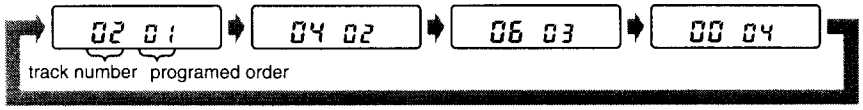
5 Press ▶II.
"RMS" stops flashing and play starts.

To repeat program play, press REPEAT/ENTER.

Press PLAY MODE again to resume normal play.

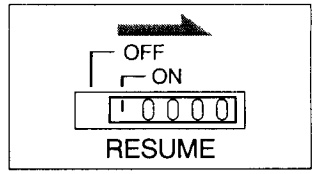
* When the REPEAT/ENTER button is pressed for more than 1 second, the total number and the total time of the programed tracks will appear in the display window while the REPEAT/ENTER button is pressed.
If a disc contains 32 tracks or more and you wish to program the 32th track or a track after that, or if the total playing time exceeds 100 minutes, the total playing time of the program will not be displayed. ("- - -:- -" indication will appear instead.) However it is possible to program such tracks.

To check the contents of the program during programing
Press REPEAT/ENTER lightly during programing before you press ▶II. Each time you press REPEAT/ENTER, the track number and the programed order appear in the display window.
Example: Track number 2, 4 and 6 are programed in order.



To Play from Where You Have Stopped — Resume play function

Set the RESUME switch to the ON position. When you press ▶II, the play starts from where you have pressed ■.



Notes
- If you open the lid after pressing ■, the memory of the position where you pressed ■ is removed, thus canceling the resume function although the RESUME switch is still set to ON. The play starts from the first track.
- Resume play may start at a point about 30 seconds behind or ahead the point where you pressed ■ if you remove the batteries or the rechargeable battery.

Troubleshooting Guide

Should any problem persist after you have made the following checks, consult your nearest Sony service facility.

Symptom	Cause and/or solution
The lid cannot be opened even after unfastening the buckle.	• Remove the rubber cap from the DC IN 4.5V jack, when the unit is airtight.
Disc play does not start.	• The HOLD switch is set to ON. • The disc is inserted upside down or incorrectly. → Insert the disc correctly with the label surface up. • Dusty or defective disc • Dirty or dusty lens • The battery compartment lid is not closed firmly. • Moisture condensation → Leave the unit in a warm place until the moisture evaporates. • The AC power adaptor is not plugged into the wall outlet. • The disc is not placed on a level surface. • Weak rechargeable battery or alkaline batteries
No sound from the headphones	• The headphones plug is not firmly connected to the PHONES jack. • Adjust the VOLUME control. • Dirty plug
No sound from the connected speakers	• Check the connections. • The amplifier is not turned on.
Skipping of sound	• Dirty or defective disc • Dirty lens • Strong vibration
The "no disc" indication appears in the display window.	• Place the CD with the label surface up. • Replace the CD if the CD is badly damaged.
The "Hi dc in" indication appears in the display window.	• Use the supplied AC power adaptor.
"Hold" appears when you press a button on the unit.	• The HOLD switch on the unit is set to ON.
When using with batteries, the battery life is short.	• Manganese batteries are used. → Use alkaline batteries.

When sand or water accidentally comes in the unit, wipe off the sand or dry the unit with soft cloth completely. If you have any trouble, stop the operation and consult your nearest Sony dealer.

Specifications

System	Compact disc digital audio system
Laser diode properties	Material: GaAlAs Wavelength: λ = 780 nm Emission duration: Continuous Laser output: Less than 44.6 μW (This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.)
Error correction	Sony Super Strategy Cross Interleave Reed Solomon Code
D-A conversion	1-bit quartz time-axis control
Frequency response	20 – 20,000 Hz $\pm\frac{1}{2}$dB (measured by EIAJ CP-307)
Output (at 4.5 V input level)	Line output (stereo minijack) Output level 0.8 V rms at 50 kilohms Load impedance over 10 kilohms Headphones (stereo minijack) 5 mW + 5 mW at 16 Ω

General

Power requirements

Supplied:

- Rechargeable battery
- DC IN 4.5 V jack accepts the Sony AC power adaptor for use on:

Where purchased	Operating voltage
European and Asian countries	220 – 230 V AC, 50 Hz
U.S.A., Canada, Central and South America	120 V AC, 60 Hz
Middle East	110 – 240 V AC, 50/60 Hz
United Kingdom, Australia	240 V AC, 50 Hz
Other countries	100 – 240 V AC, 50/60 Hz

Not supplied:

- DC IN 4.5 V accepts the Sony DCC-E145L car battery cord
- DC 3 V two size AA (LR6) alkaline batteries

Dimensions — Approx. 142 × 36 × 158 mm ($5^{5}/_{8}$ x $1^{7}/_{16}$ x 6 $^{1}/_{4}$ in.) (w/h/d) incl. projecting parts and controls

Mass — Approx. 460 g (16.4 oz) incl. rechargeable battery

Supplied accessories — AC power adaptor (1)
Rechargeable battery (1)
Connecting cord (phono plug x 2 ↔ stereo miniplug) (1)
Stereo headphones (1)

Design and specifications subject to change without notice.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

Accessories not supplied

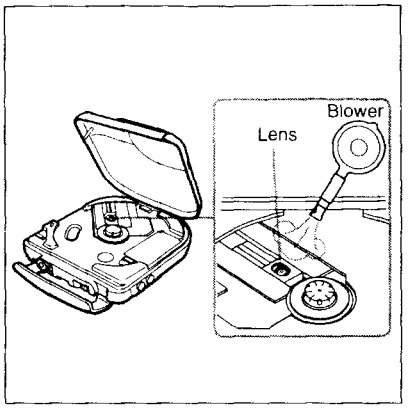
Car connecting pack CPA-3, CPA-4
Car battery cord DCC-E145L
Active speaker system SRS-57
Rechargeable battery BP-DM10

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information about the accessories in your country.

Maintenance

Cleaning the Lens

If you have accidentally touched the lens with dirty fingers or if dust on the lens prevents the unit from operating properly, open the disc compartment lid and clean the lens with lens cleaning kit (KK-9, not supplied).



Cleaning the Headphone Plug

Keep the plug of your headphones clean to obtain optimum sound. Wipe it with a dry, soft cloth.

Cleaning the Casing

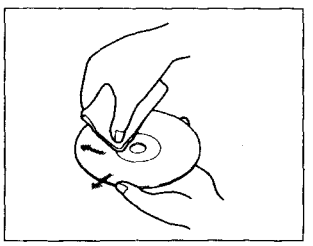
Clean the casing with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine as they may mar the finish of the casing.

Removing any Dust or Sand from the Rubber Packing

Any sand or dust on the rubber packing will prevent the lid from shutting tightly, and water may leak in. Brush off the dust once in a while.
We recommend the replacement of the rubber packing every year which is available optionally at an authorized Sony service facility.

Notes on Compact Discs

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for analog discs.
- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in the temperature inside the car.
- After playing, store the disc in its case.

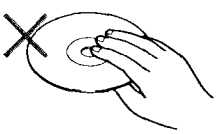


If there is a scratch, dirt or fingerprints on the disc, it may cause tracking error.

Handling the Disc

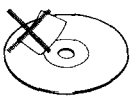
Handle the disc by its edge.

Not this way



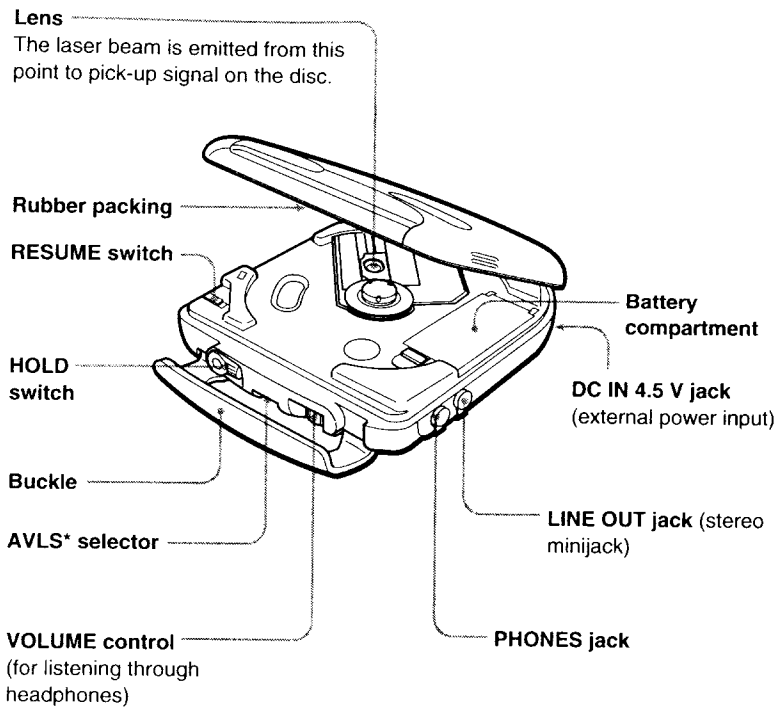
Do not touch the surface.

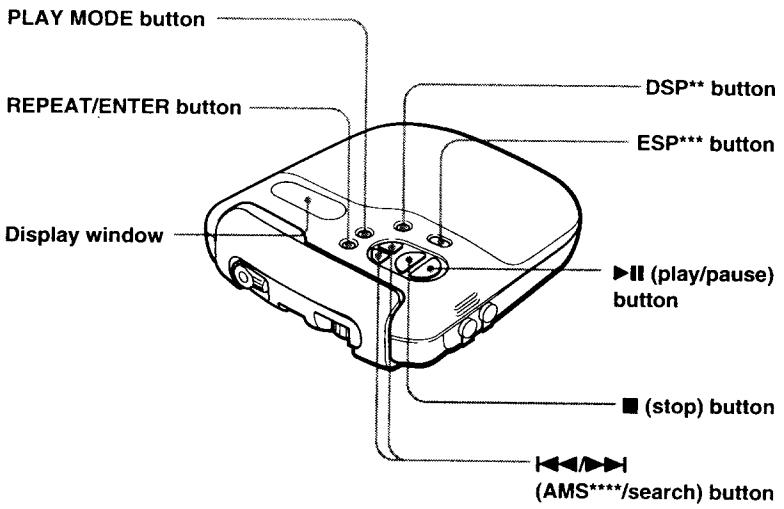
Not this way



Do not stick paper or tape nor write anything on the surface.

Location and Function of Controls





*AVLS: Automatic Volume Limiter System
**DSP: Digital Signal Processing
***ESP: Electronic Shock Protection
****AMS: Automatic Music Sensor

Precautions

On safety

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Do not put any foreign objects in the safety slot inside the disc compartment. If you do so, the laser beam may come out when the lid is opened.
- Do not put any foreign objects in the DC IN 4.5 V (external power input) jack.
- Should any solid objects or liquid fall into the unit, disconnect the power supply and have the unit checked by qualified personnel before operating it any further.

On power sources

- Use the rechargeable battery (supplied), batteries (not supplied) or house current.
- For AC operation: Use the AC power adaptor supplied with this unit. Do not use any other AC power adaptor as it may cause malfunction.
- If the unit is not going to be used for a long period of time, be sure to disconnect the power supply (AC power adaptor, the rechargeable battery or the batteries) from the unit. To remove the AC power adaptor from the wall outlet, grasp the adaptor itself, never pull it by the cord.
- The nameplate indicating operating voltage, power consumption, etc. is located on the bottom exterior. (AC power adaptor for Middle East only.)

On operation

- Since the CD system offers a wide dynamic range, the peaks of the high level inputs are recorded with high fidelity, and the noise level is very low. **Do not turn up the volume while listening to a part of disc with no audio signals or very low level inputs.** If you do so, the speakers may be damaged when the peak level of the sound is played.
- The lens on the disc table should be kept clean. Do not touch the lens or poke at it. If you do so, the lens may be damaged and the unit will not operate properly.
- Do not use the unit while jogging.

On installation

- Never install the unit where it would be subject to:
  - heat sources such as radiators or airducts.
  - direct sunlight.
  - excessive dust or sand.
  - moisture, rain or water.
  - mechanical vibration or shock.
  - unleveled surface.
- Do not put the unit on a dashboard nor leave it in a car parked in sunlight since the temperature may rise excessively.
- When the unit is used with the AC power adaptor, do not wrap the unit in a cloth, blanket, etc. If you do so, the temperature inside and outside the unit may rise considerably, resulting in malfunctioning of the unit or serious accidents.
- Do not put any heavy object on top of the unit. The unit and the disc may be damaged.
- If the unit is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the unit. Should this occur, the unit will not operate. **In this case, remove the disc and leave the unit in a warm place for several hours until the moisture evaporates.**
- For the unit to operate at its best, it should not be subjected to temperatures below 5° C (41° F) or above 35° C (95° F).

Notes on headphones

- **Road safety**
  Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.
- **Preventing hearing damage**
  Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.
- **Caring for others**
  Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

On the water resistance

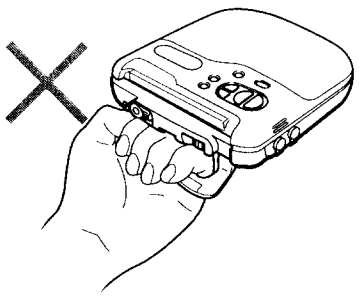
- Before unfastening the buckle to open the lid, be sure to wipe off water, dust or sand on the exterior of the unit. Open and close the lid where water or sand cannot fall in the unit, and make sure that your hands are dry. If water or sand falls in the unit, trouble may occur.
- When closing the lid, check that there is no dust or sand on the rubber packing around the lid. Then close the lid firmly with the buckle.
- If the unit or the headphones are immersed in salt water, be sure to wash them in still fresh water. Never wash them under running water and never use soap or detergent.
- The supplied headphones are not meant to be immersed in water or come in continuous contact with water. If they are accidentally dropped into water or get wet, dry them with a soft cloth. Never use an electric hair dryer.
- Cover the DC IN 4.5 V jack, LINE OUT jack and PHONES jack with the attached rubber caps when nothing is connected to these jacks. If the inside of the jacks are contaminated with water or sand, rust may develop and cause trouble.

Note

Since the unit is airtight, you may not be able to open the lid because of a sudden change in air pressure inside the unit which happens after being transported on a plane or moving from a warm place to a cold place. In this case, try to open the rubber cap on the DC IN 4.5 V jack.

Do not hold the unit with the buckle by itself. Doing so may damage the unit.

Not this way



Note

To prevent intrusion of water, the buckle is designed to be slightly stiff. When unfastening the buckle, be careful not to be caught on a nail.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.